



"Medalist Paper"

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"All-American"

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Tuesday, May 2, 1989

May Day observed

World's workers rally

Associated Press

Workers shouted "Down with communism" in a May Day march through Warsaw, Soviet Armenians defied a ban on demonstrations and rallies and took part in riots in Czechoslovakia and South Korea on Monday as workers marked their worldwide holiday. Clashes in Turkey left 36 people injured, including one man who was killed in the head; riot squads fired tear gas when leftists tried to march on the U.S. Embassy in the Philippines; and radicals donned masks and looted stores in West Germany. The Soviet Union held a traditional parade through Red Square; China used the occasion to try to ease a burning student uprising, and a man carrying a poster of Soviet President Mikhail S. Gorbachev was dragged away by police in Czechoslovakia. Around the world, thousands gathered on the international labor day to celebrate their gains with banners, balloons, or protest their losses with hurled rocks and smashed windows. Up to 100,000 Solidarity supporters marched through Warsaw, the city's first legal May Day gathering since it was suppressed eight years

ago. Workers chanted "Down with communism!" during the impressive show of strength.

"We not only can organize uprisings ... we can also build a normal democratic order," Warsaw Solidarity leader Zbigniew Bujak told the crowd, referring to recent reforms that resulted in Solidarity's legalization and opposition participation in elections.

Nearby, about 20,000 attended the official celebration. Although Warsaw's main events were peaceful, at least one clash took place later when about 100 young demonstrators marched and threw rocks at police.

But in Wrocław, police with clubs used tear gas and water cannons to break up a rally organized by militant Solidarity splinter groups, said opposition spokeswoman Maria Pinior.

Baton-wielding riot squads in Gdansk attacked protesters from several banned groups who tried to rally, said Solidarity spokeswoman Joanna Wojciechowicz.

She said street fighting lasted several hours.

In the Philippines, police swung truncheons and fired tear gas to break up crowds marching to the U.S. Embassy in Manila after a rally in which

union leaders threatened a nationwide strike to press for a higher minimum wage.

Riot police in South Korea fired tear gas in a battle with about 5,000 striking workers in Masan and nearby Changwon after protesters tried to stage a May Day rally, police said. About 20 workers were arrested.

Police said about 6,600 people were arrested in Seoul when police blocked a rally Sunday called by labor groups to mark May Day.

In Czechoslovakia, at least three dozen people were arrested Monday for taking part in anti-government protests that broke out during the official May Day parade in Prague. One protester was arrested as he carried a poster of Gorbachev, whose reforms go further than those desired by Czechoslovakia's leaders.

In the Soviet Union, an activist in the Soviet republic of Armenia said residents in the capital, Yerevan, defied a ban and held a large, peaceful rally.

May Day celebrations were banned in the Yerevan and Tbilisi, capital of Soviet Georgia, because of recent pro-independence unrest in both cities and the devastating earthquake in Armenia.



photo courtesy of Stuart Johnson

Sarabond, an additive used in the mortar of some brick structures between 1965 and 1982, is blamed for the deterioration of steel. Many buildings on campus were constructed during this time period. The J. Reuben Clark Law Building was built in 1975.

Germany wants arms talks

Associated Press

ANN, West Germany — The government began a effort Monday to rally NATO allies behind its proposal for superpower talks on reducing short-range nuclear weapons, which has caused a dispute with the United States and Britain.

Foreign Minister Hans-Dietrich Genscher was quoted as saying West Germany's argument must have "special weight" because it is the alliance's front line: a war with the Soviet Union would be fought on its territory.

Both the United States and Britain say the negotiations proposed by Chancellor Helmut Kohl might endanger their security. Genscher's remarks were the first official West German comment since a meeting Sunday in London between Prime Minister Margaret Thatcher of Britain and Kohl, who said he was "pleased" to change Kohl's mind on the issue.

In pursuit of support for the West German position, Genscher plans to visit Rome on Tuesday and Genscher will go to Paris.

Genscher has said it agrees with West Germany that negotiations on the short-range weapons should begin, but he has not made its position clear. West Germany is the support of nearly half the 16 North Atlantic Treaty Organization members.

In an interview with the Frankfurter Rundschau, Genscher was quoted as saying: "This is not a new demand

that has only now been made by us and other alliance partners. This concerns putting into effect an intention which has already been stated in two alliance decisions."

His ministry made copies of the interview available to other news organizations before publication in the paper's Tuesday editions.

Genscher has noted previously the NATO decision at summits in 1987 and 1988 that negotiations on short-range nuclear weapons should be held at some point. The United States and Britain say this is not the time. The minister once again asked for understanding by all NATO nations of West Germany's position.

West Germany's army has about 500,000 soldiers. Most of the alliance's short-range Lance rockets are on its territory and would be used there in a war.

Kohl and Genscher say NATO should not pass up opportunities to negotiate in important areas of disarmament, and insist the time is right for taking up the battlefield-range weapons. The chancellor has said he wants the talks to begin "soon," but has not proposed a timetable.

A West German government official said privately Monday the chancellor was "optimistic" about a compromise.

U.S. and British officials say starting negotiations now could lead to elimination of the short-range weapons and increase the threat from the Soviet bloc's superior conventional forces.

Atlantis rescheduled for launch on Thursday

KEENAN LAMBERT
Reporter
Associated Press

NASA's news agency announced today the space shuttle Atlantis will be launched from Kennedy Space Center Thursday afternoon along with the unmanned spacecraft Magellan after two repairs were completed to the shuttle's fuel system.

The launch was scrubbed last Friday, just 31 seconds before the scheduled liftoff when NASA engineers noted a sudden power surge in the fuel pump that recirculates liquid hydrogen propellant for one of the main engines of the shuttle.

NASA said Monday that engineers found tiny metal particles in the pump may have caused a short circuit. Engineers also found a pinhole leak in a 1/2-inch-diameter line that carries hydrogen from the external tank to the shuttle, but only air and oxygen actually escaped from the leak, said a NASA public information officer.

The shuttle's problems have been fixed, and although the delay in launching could have ended the mission of Magellan to Venus, NASA's engineers were able to correct the fuel problems in time, said.

This is a very dedicated team," said Warren Wiley, deputy director of engineering at the Kennedy Space Center, speaking of the repair crew. "When the chips are down they get out and hustle. They did a superb job."

Earlier reports of the shuttle's scheduled launch date were denied by NASA's news agency on Monday. "The testing was not completed," mission control management has not given the final approval, said a NASA spokesman.

An earlier report by Nancy Lovell, a representative of the Ames Research Center connected with Edwards Air Force Base in California, said the shuttle lands, said Atlantis' launch date had been reset for Thursday afternoon.

The launch will be Thursday and the shuttle will be the following Monday, said Lovell. "The only purpose of Atlantis' mission is to launch the shuttle that will go to map out Venus," she said.

Officials at NASA said they were confident enough of making a Thursday launch that they gave the signal for a new countdown at 8 a.m. Monday for the first shuttle plane launch. The launch of Atlantis is scheduled for 1:48 EDT on Thursday, said NASA.



From left waving, Mary Cleave, front, pilot Ronald Grabe, center Norman Thagard, Mark Lee, and far right, Commander David Walker depart the Operations and Checkout Facilities Friday morning on their way to board Space Shuttle Atlantis at Kennedy Space Center.

The delay meant a loss of valuable days in starting Magellan on its voyage, she said.

Because of the shifting positions of Earth and Venus, there is only a 32-day period when the spacecraft can be launched toward Venus.

If the shuttle can't get off the ground by May 28, the mission would have to be put off for two years, at a cost of more than \$100 million, until the two planets are again properly aligned, she said.

The five astronauts who will be aboard Atlantis for the mission, will be flown back to Kennedy Space Center from Houston Tuesday, said a NASA public information officer. The astronauts have been practicing on simulators at their training base in Houston to maintain their efficiency. When they return to Kennedy Space Center Tuesday they will again make final preparations for liftoff.

Commanding the mission is David Walker. The pilot is Ron Grabe and the mission specialists are Mary

Cleave, Mark Lee and Norman Thagard. Lee is the only one who has not flown a previous shuttle flight, said a NASA spokesperson.

Cleave and Lee, operating controls from a remote station inside Atlantis' cabin, are to release Magellan from

the cargo bay six hours after launch. A rocket motor is to fire an hour later to start the craft on its 15-month journey to Venus. The 7,600-pound robot is to orbit the planet and map up to 90 percent of its surface with high resolution radar.

Ricks College gets new president

The Board of Trustees at Ricks College in Rexburg, Idaho has appointed Dr. Steven D. Bennion as their new college president.

Bennion, 47, is presently serving as president of Snow College in Ephraim.

His appointment was announced April 28, in Rexburg by Harold F. Western, associate commissioner of the Church Educational System and secretary of the Ricks College Board of Trustees. Bennion's resignation as president of Snow College was announced simultaneously in St. George.

Bennion succeeds Dr. Joe J. Christensen who was sustained as a member of the First Quorum of the Seventy of The Church of Jesus Christ of Latter-day Saints April 1.

Bennion served as president of Snow College since September, 1982.

A graduate of Olympus High School in Salt Lake City, where he was studentbody president, Bennion received his bachelor's degree from the University of Utah, his Master of Public Administration degree from Cornell University and a doctor of philosophy degree in educational administration from the University of Wisconsin.

Bennion also served as associate commissioner for planning in the Utah System of Higher Education and as director of a statewide master-planning study of nursing education in Wisconsin. Ricks College is the largest privately owned two-year college in the United States and has an enrollment of approximately 7,500 students.

Christensen said the construction companies were told to meet the specifications, and they could have used Sarabond without it being called for in the specifications.

Paul Richards, a BYU Public Communications spokesman, said, "BYU underwent extensive construction during the late 1960s and all of the 1970s."

Richards listed some of the buildings that were built during this time period: the University Press Building and the ROTC Military Science Building in 1968; the Thomas L. Martin Building (MARB) in 1969; the John A. Widtsoe Building (WIDB) in 1970; the Joseph K. Nicholas Building (NICB) and the Talmage Mathematical Sciences/Computer Building (TMCB) in 1971; the W. W. Clyde Engineering and Technology Building (CB) in 1973; the Carillon Bell Tower and the J. Reuben Clark Law Building (JRCB) in 1975; the Missionary Training Center (MTC) in 1976 to 1977; and Wymount Terrace family housing units in 1979.

Doug Christensen, managing director of the BYU Physical Plant, said BYU provides the specifications for what it wants built. He said he has not been able to find any construction specifications during the time period that Sarabond was produced that called for the use of the product in the construction of BYU facilities.

Associated Press

WASHINGTON — While the Oliver North jury deliberated for the ninth day Monday, the judge raised the specter of a mistrial if the news media succeed in forcing disclosure of a sealed document in the case.

"If you prevail in this matter," U.S. District Judge Gerhard A. Gesell told a lawyer for 10 news organizations, "one possibility is I must discharge the jury."

The jurors, knowing none of this, returned to the courthouse after a second weekend under the eyes of U.S. marshals and deliberated for five hours before quitting for the day. The total for the nine days stood at 45 1/2 hours, still without an indication of what is delaying a verdict.

The document in question, a stipulation of facts agreed to by the government and North, summarizes highly secret "intercepts" of intelligence gathered as the National Security Agency tracked a CIA-assisted November 1985 shipment of Hawk missiles from Israel to Iran.

North is charged with claiming in a false chronology that no one in the U.S. government knew until January 1986 about the missiles.

His defense is that then-CIA Director William Casey and National Security Adviser John Poindexter knew about the missiles from the intercepted messages but perpetuated the false story.

Then-President Reagan, when interviewed by the Tower investigative commission in January 1987, said he did not remember how the shipment came about. A month later, he told the commission that both he and his chief of staff, Donald T. Regan,

Christensen said there were several construction companies that were contracted to build buildings on campus during these years.

He said the three major contractors were Tolboe Construction Co., Christiansen Construction Co., and Paulsen Construction Co., all of Salt Lake City. Of the three, Tolboe Construction is the only company still intact as it was when work was done on campus.

Mike Tolboe, one of the owners of Tolboe Construction Co., said, "We have never used the product Sarabond in any of our work at BYU. Even though the specifications don't directly call for an additive, it is sometimes used to enhance and strengthen the structure being built."

Tolboe said the company had reason to believe there were problems with Sarabond and opted to stay away from the product.

Gary Powell, a supervisor with Tolboe Construction Co., said, "It would be a disadvantage to the company to See SARABOND on page 5

North jury in 9th day, but mistrial may result

agreed they could not remember any meeting about a shipment of Hawk missiles.

The stipulation, an exhibit in the trial, was included in the material the jury took into its deliberations on April 21. But Gesell refused to release it to the public, and the news organizations filed a protest with the court.

At a hearing Monday, Gesell said the issues were "very, very broad." He brushed aside an attempt at explanation by Timothy B. Dyk, who represents the news media, including The Associated Press. Dyk said that "only one document" was involved.

"It's the only document I treated this way after 14 months of dealing with over a million documents," said Gesell.

After the court session, Dyk told reporters that "the jury has no security clearance, the jury's free to discuss it, then the rest of the country ought to see what the jury has."

The judge did not elaborate on how forced disclosure could lead to the jury's discharge.

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NEWS DIGEST

Compiled from staff and news service reports

Scientists dispute cold fusion findings

BALTIMORE — In an elaborate attempt to confirm the cold fusion findings of Utah scientists, a California Institute of Technology team said Monday it had found no evidence of fusion, but “a number of problems” that may have produced erroneous results for other researchers.

In a statement released by Caltech, the university announced that a team headed by Charles Barnes, a physicist, and Nathan Lewis, a chemist, has conducted an extensive series of tests based on the University of Utah experiment but has uncovered no evidence of fusion.

Barnes and Lewis were presenting their findings before the American Physical Society, conducting its annual convention in Baltimore.

“We have seen no evidence whatsoever for nuclear reactions or even for unusual chemical reactions,” Lewis said in the Caltech statement. “One of the main things we’ve learned during the course of these experiments is just how easy it is to fool oneself into thinking that there is an effect when there actually is none.”

He said their experiments included detection equipment far more sophisticated than that used in the Utah experiment. The California tests included devices to measure any indication of fusion, including the flow of neutrons or gamma rays, the production of tritium and any rise in heat levels.

Child killed on amusement park ride

FARMINGTON — Authorities on Monday were probing the weekend death of a 6-year-old boy who was struck by a miniature roller coaster at Lagoon Amusement Park after apparently falling from the ride.

Farmington police said Ryan Beckstead, Bountiful, was killed when he was struck by the “Puff The Little Fire Dragon” ride at 1:40 p.m. Sunday.

Three separate investigations were under way into the accident at the park 15 miles north of Salt Lake City.

According to a statement released Monday by the Farmington Police Department, the boy fell from the ride when it slowed down and was struck when he climbed up onto the tracks and the ride re-entered the station.

“The ride had come to a partial stop apparently and the child stood up, even though there are two restraining devices in place. And as the ride started up again he fell from the ride and then was struck again by the ride,” Dick Andrew, Lagoon’s marketing and public relations director said.

Court puts burden of proof on employer

WASHINGTON — The Supreme Court, in the case of a woman who says she was denied promotion because others thought she acted too much like a man, made it more difficult Monday for employers to win lawsuits accusing them of sexual stereotyping and other bias.

In a fragmented ruling, the court said employers have the burden of proving they did not discriminate illegally when there is evidence that bias played a part in personnel decisions.

By a 6-3 vote, the justices ordered further lower court hearings in a suit against the accounting firm of Price Waterhouse by a former employee, Ann Hopkins.

She said she was denied a partnership because of “macho” attitudes that demanded she behave “more femininely.”

The firm said other factors — such as her failure to get along with others — were decisive.

Only four justices agreed on the standards that should govern such “mixed-motive” discrimination cases. The absence of a majority enunciating clear guidelines could sow confusion among lower courts when deciding such suits.

Hollywood theme park opens in Florida

LAKE BUENA VISTA, Fla. — Disney-MGM Studios opened its \$400 million theme park on Monday, hoping to lure the nostalgic to its version of Hollywood’s golden era and thrill-seekers to rides that will take them to places like Catastrophe Canyon.

The 135-acre complex blends filmmaking with backstage studio tours and ride-through, walk-through attractions. Movie and TV production began last summer on its three sound studios and backlot street scenes. The new attraction on the entertainment giant’s 43-square-mile Central Florida resort complements its other two theme parks: the Magic Kingdom and Epcot Center. It has its own admission fee: \$29 for adults and \$23 for children 3 to 9.

Disney Chairman Michael Eisner and comedian Bob Hope were on hand to do the opening day honors on an outdoor stage in front of a re-creation of Grauman’s Chinese Theater on Hollywood Boulevard.

“It’s the largest theme park run by actors, or cartoon characters, unless you want to count Washington D.C.,” joked Hope.

Fire burns 40,000 pounds of rocket fuel

HILL AIR FORCE BASE — A Monday afternoon fire in a Hill Air Force Base munitions storage igloo burned 40,000 pounds of solid rocket fuel propellant but caused no injuries, a spokesman said.

Sgt. Louis Arana-Barradas said the blaze broke out at the igloo, located at Building 1325, about 1:30 p.m. MDT. By 3 p.m., the fire had been extinguished by base firefighters.

Property damage had not been estimated by late Monday, and the cause of the blaze was under investigation.

Arana-Barradas said the igloo was unoccupied at the time of the fire, which moved out of the igloo doors and scorched a 2,000-square-foot area of adjacent grass before being put out.

Lt. Col. Bruce Rianda, 2849 Air Base Group deputy commander, said there was no explosion, but that the rocket propellant burned rapidly.

Hill officials cordoned off the fire scene and ordered the base’s nearby Roy gate closed until noon Tuesday.

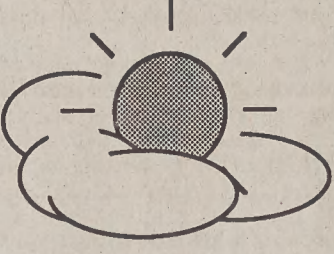
WEATHER

SLC/Provo

Tuesday: Fair to partly cloudy skies expected with a chance for thunderstorms mostly in the mountains. Highs in the low 70s and lows in the 40s.

Sunrise: 6:25 a.m.

Sunset: 8:24 p.m.



Fair to Partly Cloudy

Wednesday: Fair to partly cloudy, slightly warmer.

Education week set for August

Program gives opportunity to everyone

By DORIS HERNANDEZ
Universe Staff Writer

This year’s program for Education Week offers a valuable opportunity to individuals who are excited about learning and growing.

Education Week will be August 22 through the 25 at BYU. Anyone wishing to attend may register now at 278 Harman Building.

The program originally started in 1922 as “Week Leadership.” During the week the general authorities of The Church of Jesus Christ of Latter-day Saints instructed Church leaders

in their callings, said Ellen Allred, coordinator for Campus Education Week.

Fifteen years ago, the name of the program changed to Education Week and the focus shifted from religious leaders to the entire community, said Allred.

More than 25,000 people from all over the world will attend this year’s event.

There are 1,150 classes offered in fields such as history, science, nature, health, family, parenting, cooking, art, leadership, stress management, self-esteem and self-improvement,

she said. The faculty during Education Week includes professors from BYU and other universities.

Seminary and institute teachers and professional individuals of many different fields will also speak, said Allred.

The pre-registration fee for the entire event is \$25.

Classes that are geared specifically to the 14 to 18-year-old age group will also be offered.

Housing accommodations are available in Deseret Towers, Heritage Halls and Helaman Halls for those who request it.

There is an additional fee required to stay in BYU housing.

Allred said the program is for those “who are excited about learning and growing.”

With this program, people get the motivation for the year, “it is when they get their batteries recharged,” she said.

Pre-mission Exams

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Making up the game snowed out last week BYU will play Utah in a doubleheader today. BYU defeated Air Force last week.

Cougars to battle Utes in doubleheader today

Universe Services

BYU’s baseball team will bring a 38-12 record and a chance to come closer to the conference title when they host Utah in today’s doubleheader at 1 p.m.

The doubleheader comes after the Cougars and Utes were rained out last week.

“We are growing stronger with each win,” said BYU coach Gary Pullins, who is seeking his ninth 40-win record and sixth Western Athletic Conference title in 13 years.

“We substantiated our winning pattern last week by being tenacious and staying with it,” Pullins said.

Utah has a 15-27 record and an 8-13 WAC mark, while the Cougars boast a first place 16-5 WAC record. On Friday and Saturday BYU will host San Diego State also in a pair of 1 p.m. doubleheaders.

Pullins expects to start pitcher John DeSilva (11-2, 4.01) twice this week, in the opener against Utah and

again in Saturday’s opener. In the second game against the Utes, BYU will start either Ed Zinter (6-4, 6.32) or Kelly Frederiksen (1-0, 6.28). On Friday the probable rotation is Darin Krael (7-3, 5.38) and Rob Jensen (4-1, 5.33).

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Quote of the day:

“Oh for a book and a shady nook, either in door or out.”

— John Wilson

LIFESTYLE

'Say Anything' redeems director Teen comedy offers realistic look at the foibles of youth

RICK MOODY
Special to the Universe



Photo courtesy of Gemma LeMana Wills

Lloyd Dobler (John Cusack), a young non-conformist, falls in love with beautiful, brilliant Diane Court (Lone Skye) in Twentieth Century Fox's 'Say Anything,' an unlikely love story from the producers of 'Big' and 'Broadcast News' and the creator of 'Fast Times at Ridgemont High.'

'nervous mouth' which runs on to describe any event as a precursor to world destruction, and Court's honesty: He further amazes us with a fully developed bevy of complex supporting characters. One of the most engaging is Dobler's confidante, Corey (Lili Taylor), a self-styled Joan Baez who tried to kill herself over the infidelity over her beloved Joe (Loren Dean), and has since written 65 rambling, heartache songs bemoaning his treachery. In plotting, Crowe is also

consistently delivering the unexpected. Beyond the initial machinations of the troubled romance, he offers us a healthy and loving father-daughter relationship which is being threatened by the romance, but most dramatically by allegations that the father has been engaging in swindling his nursing home patients.

We are not used to such substance in our teen pablum. Were it not for Laszlo Kovacs gritty and realistic cinematography, which gives the film a

needlessly low budget feel, such a property might be considered Oscarable. As a result of being in the director's seat with his own material, Crowe has proven himself a formidable writer and director, again redeeming himself and salvaging the career of talented Cusack who hasn't had a decent film since Rob Reiner's "The Sure Thing" (and yes, we are including the 'Savage' Steve Holland atrocities "Better Off Dead" and "One Crazy Summer" in the tally).

Music therapy improves health

By MOLLY R. LARSON
Universe Staff Writer

Music therapy, as defined by the National Association for Music Therapy, Inc., is "the use of music in the accomplishment of therapeutic aims; the restoration, maintenance and improvement of mental and physical health."

Rosalie Rebollo Pratt, a BYU faculty member, is helping to set up a master of art's degree with emphasis in music therapy at BYU to prepare students for licensing as music therapists. The program will begin Fall 1990.

Pratt said she wants to get the best applicants for the program because the program will be tough and will emphasize serious graduate study. Each student will complete an experimental research project. Pratt said she wants each project to stand up to the best research in the country.

Music therapy in general approaches the patient using music as a tool. The therapist doesn't necessarily teach music, she said, but uses music as a vehicle to obtain a certain behavior or change.

A behavior change could mean anything from easing anxiety to addressing reality, Pratt said. A music therapist has to be able to improvise and understand that much of what is done with a patient is played by ear.

"What the therapist does depends on where the patient is coming from and where you want to go," Pratt said. The therapist might use specific songs, special tasks or body movement to obtain a result.

Sometimes a therapist may rely on the iso-principle, which is matching the music to the mood of the patient, Pratt said. The therapist will use music he knows the patient will relate to, she said.

According to a pamphlet outlining the master's program, students who receive a degree in music therapy from BYU will have studied music, psychology, counseling, research theory and technique, music therapy and related fields.

Rolando O. Benenson said in his book, "Music Therapy Manual," a music therapist must be exclusively a music therapist, even though he must have a knowledge of medicine, psychology, pedagogy and music.

Music therapists have to know that many emotional and mental problems are treated with drugs, Pratt said. The music therapist has to have some knowledge of pharmacology. She also said a music therapist has to work with doctors and other therapists and should know when to seek advice.

Mary Priestley said in her book, "Music Therapy in Action," there must be three factors involved in this discipline: the client, the music and the therapist.

"Where there are only two: the client and the music, the experience may be therapeutic, but there is no therapy in the sense of 'taking care of or healing,' Priestley said. "Human relationship is an essential ingredient for this."

Although the human relationship is essential, the power of music should not be underestimated, Priestley said. Music can bring a "profound inner experience of strengthening growth."

"Music is much more powerful than people ever give it credit for," said Wayne Musgrave, a music therapist who works exclusively with the Behavioral Medicine Department at Utah Valley Regional Medical Center (UVRMC).

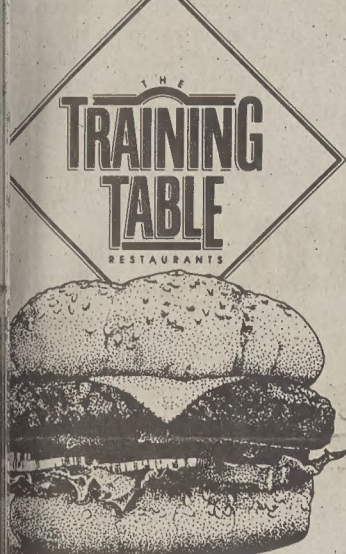
Musgrave said he has developed what he calls individualized personal music therapy. Many forms of music therapy exist, but the most effective form is individualized.

Therapists and doctors from UVRMC refer certain patients to Musgrave and he interviews them to design individualized music tapes for each of them.

Musgrave said he takes notes and listens to what relaxes each patient or what makes him feel good. He then recreates musically what the patient described to him and records it on a tape to give to the patient. Each tape is 8-10 minutes long.

Musgrave said he sometimes uses sound effects with the music to anchor the patient to what he should be visu-

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offer expires 5-31-89

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374-1160

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Not only is our frozen yogurt the most delicious, but because we serve both lowfat and nonfat, your Spring term will start off tasteful and healthy.

Take a break with a Free Topping with this ad and the purchase of any size yogurt.
Exp. May 6, 1989



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INCLUDING FRAMES, PLASTIC LENSES
INCLUDING EYE EXAM!
\$49.99 from
Previous offers excluded

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CONTACT LENSES

CIBA Softcon EW

EXTENDED WEAR
SOFT CONTACTS
INCLUDING EYE EXAM!
\$49.99
REMEMBER ... THAT'S EXTENDED WEAR AND INCLUDES THE EYE EXAM!
Intro. offer new patients only

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"CUSTOMIZED"

CTL TINTED SOFT CONTACTS
CHANGE OR ENHANCE YOUR LIGHT COLORED EYES BLUE BROWN GREEN OR AQUA
INCLUDES EYE EXAM!! ... AMAZING!!!
Introductory offer new patients only

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SOFT CONTACTS

OSI

DAILY WEAR SOFT CONTACTS
AND EYE EXAM
\$49.99
REMEMBER ... THAT INCLUDES EYE EXAM!
Introductory offer new patients only

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- 2-line minimum.
- Deadline for Classified Ads: 12:00 noon 1 day prior to publication.
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Read your ad carefully before placing it. Due to mechanical operation it is impossible to correct or cancel an ad until it has appeared one time.

Advertisers are expected to check the first insertion. In event of error, notify our Classified Department by 11:00 a.m. the first day ad runs wrong. We cannot be responsible for any errors after the first day. No credit will be made after that time.

CLASSIFIED AD DIRECTORY

01 Personals	23 Homes for Sale	45 Elec. Appliances
02 Lost & Found	24 House Sitting	46 TV & Stereo
03 Instruction & Training	25 Wanted to Rent	47 Sporting Goods
04 Special Notices	26 Mobile Homes for Sale	48 Skis & Accessories
05 Insurance Agencies	27 Mobile Homes for Rent	49 Bikes & Motorcycles
06 Special Offers	28 Real Estate	50 Auto Parts & Supplies
07 Help Wanted	29 Lots/Acreage	51 Travel-Transportation
08 Sales Help Wanted	30 Cabin Rentals	52 Trucks & Trailers
09 Business Opportunity	31 Out of State Housing	53 Used Cars
10 Businesses for Sale	32 Resorts	
11 Diet & Nutrition	33 Investments	Cash Rates—2-line minimum
12 Service Directory	34 Miscellaneous for Sale	Spring & Summer Rates
13 Contracts Wanted	35 Miscellaneous for Rent	1 day, 2 lines 3.28
14 Contracts for Sale	36 Wanted to Buy	2 days, 2 lines 4.46
15 Condos	37 Holiday Shopping	3 days, 2 lines 6.00
16 Rooms for Rent	38 Diamonds for Sale	6 days, 2 lines 10.50
17 Roommates Wanted	39 Garden Produce	9 days, 2 lines 13.14
18 Unfurn. Apts. for Rent	40 Garage Sales	12 days, 2 lines 16.32
19 Furn. Apts. for Rent	41 Furniture	
20 Couples Housing	42 Computer & Video	The <i>Daily Universe</i> reserves the
21 Houses for Rent	43 Cameras-Photo Equip.	right to classify, edit, or reject any
22 Single's House Rentals	44 Musical Instruments	classified advertisement.

08- Sales Help Wanted

FINANCIAL ORGANIZATION needs sales people. Married pref to help people save money. High comm \$50,000-100,000 225-7679 Lee.

14- Contracts for Sale

WOMEN, Sunny pvt rm. Individual phones, furn. W/D, Fun wrd. Kay 375-1961, 373-4910.

15- Condos

MOUNTAINWOOD - FROM \$54,900

*2 BEDROOMS *2 FULL BATHS
*Deck or Patio *Living/Dining Rm
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*Vaulted Ceilings *Appliances incld
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CONDOS FOR GIRLS, Sharp condo on 300 N, sp/sum \$90/mo., Ron Haller 225-4707.

16- Rooms for Rent

GIRLS Pvt rm, \$225/mo incl utils. WD, Kitchen privileges. Pets okay. 373-4191, 377-4060.

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The Daily Universe
378-2897

18- Unfurnished Apts

XLNT 2 BDRM APT. couples pref(1 old) Avail immed. Prk close, 1 blk to new library 373-6403.

19- Furnished Apts for Rent

MONSON APARTMENTS
Men's vacancies Spr/Sum \$70 + lights, Fall/Winter \$90; sgl \$130, dbl \$100 + lights. Includes MW & Cbl. 373-6811; 345 E. 500 N.

GIRLS: S/S Rent \$85/90 incld utils, 2 bdrm/4 girls w/ laundry & cable. Anita Apts 41 E. 400 N. #5. 373-0819. BYU Approved.

GIRLS APARTMENTS FOR RENT
good Rates & Close to Y. 375-6813.

NICE WELLINGTON CONDO, girls group or couple, \$250/mo Sp/Su only, 855 E. 700 N. W/D. Single students: F/W avail after Sp/Su. Call 375-6719.

4 & 5 GIRLS Sp/Su \$60/mo, PVT BDRMS Sp/Su \$70/mo, ALL UTILS INCLD. Campus Villa Apts, 182 W. 960 N. #G, Shauna 375-4638, 4-6pm, Pioneer Apts 880 N. 80 W. #3. Keri 373-5914.

4 GIRL APT in small quiet Complex, \$70 Sp, \$105 Fall, utils incld, MW, 488 N. 100 E. 374-1735.

LOFT APT DOWNTOWN PROVO. 2 spaces girls, Sp/sum only. \$140 + shrd utils. Call Brian, 375-5220 or 375-0450.

MEN, ACADEMY ARMS APT. 4/man apt. \$60 Sp/Sum, F/W avail. 2 bdrm, 2 bath, AC, Cable TV. Avail NOW. 469 N. 100 E., 377-6545.

GIRLS APT- Sp/Sum \$80/mo; 4/apt, 2 bdrm, W/D, DW, MW, Cute Apt. Call 224-6223.

GIRLS: Sp/Sum \$75, F/W \$135, dbl occupancy. Huge bdrm, W/D. Call 374-1885.

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20- Couples' Housing

ONE BDRM FURN APT 15 mo contract Open May 1. No pets, \$235 plus elec. \$120 dep. 318 N 200 E 375-4219 or 377-3278.

ONE BDRM FURN APT. Ground Floor, No pets. \$235 utils pd. 15 mo contract. \$120 dep. 366 E. 100 S. 375-0413 Eves.

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COUPLES- Sp/Sum only, Bendick Condo, micro, DW, W/D, deck, 141 E. 700 N. #6. \$250/mo. 373-7609.

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COUPLES: 1 bdrm apts, Near BYU, Going Fast. \$265/mo + utils, Call 377-7760.

21- Houses for Rent

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22- Single's House Rentals

1 BLK TO CAMPUS, house, boys, 739 N. 600 E. Sp/Sum \$55 & \$75, Fall/Winter \$90, \$110, \$115, incld utils. 373-7609.

WANTED: WOMEN Rm-mates. No Contract. 838 W. 2000 N., Provo. \$80. 375-4515 or 798-2126.

23- Homes for Sale

WILL TRADE 3 Bdrm Brick Home in excel loc in St. George for rental property in Provo. 373-2777

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26- Mobile Homes for Sale

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NEW & USED FURNITURE Also appl. Guaranteed 90 days parts & labor. WE PAY CASH for second-hand merchandise. Provo Furniture & Appliances. 450 W. Center. 374-6886.

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Express Computer Services-Rick-373-4025

MACINTOSH: 1 Meg SIMM for +, SE, II, \$199; 128-512K, \$229. 512-1Meg, \$299. 60 Meg H. Disks, \$649. SCSI \$89; Fan \$29. 1-544-2009 eves.

20 MB Hard drive\$459.97
800K Floppy drive\$179.97
Extended Keyboard\$154.97

MAD MAC'S
1160 S. State, #120, Orem
224-5700

45- Electric Appliances

WHIRLPOOL APPL. DON'T PAY MORE!
LOW, LOW PRICES. WAKEFIELDS, 373-1263

48- Skis & Accessories

SKI SERVICE- basic and high performance tune-ups, waxing, repairs, and rentals. JERRY'S SPORTS, 577 N State, Orem. 226-6411.

51- Travel & Transportation

DRIVING EAST? If you are planning to drive East, pick up a National Car Rental in Salt Lake City & deliver it to any of the cities below. Pay only for the gas you use. Milwaukee, Green Bay, La Crosse, Eau Claire, Appleton-Wisconsin; Minneapolis & Rochester-Minnesota; Chicago-Illinois; Indianapolis & Fort Wayne-Indiana; Kansas City & St. Louis-Missouri.

To qualify, phone-
NATIONAL CAR RENTAL
SALT LAKE CITY AIRPORT 539-0200

53- Used Cars

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WE CAN FIX IT! STUDENT DISCOUNT
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1979 HONDA CVCC. Cute car, runs well. \$500 Bottom dollar. Call Kay, 375-1961.

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Service Directory

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SUSAN WHEATLEY 377-1072

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BRIDES ETERNAL & FASHIONS
Lowest prices on regular gowns. Some sale gowns as low as rentals. 250 W Center, Provo.

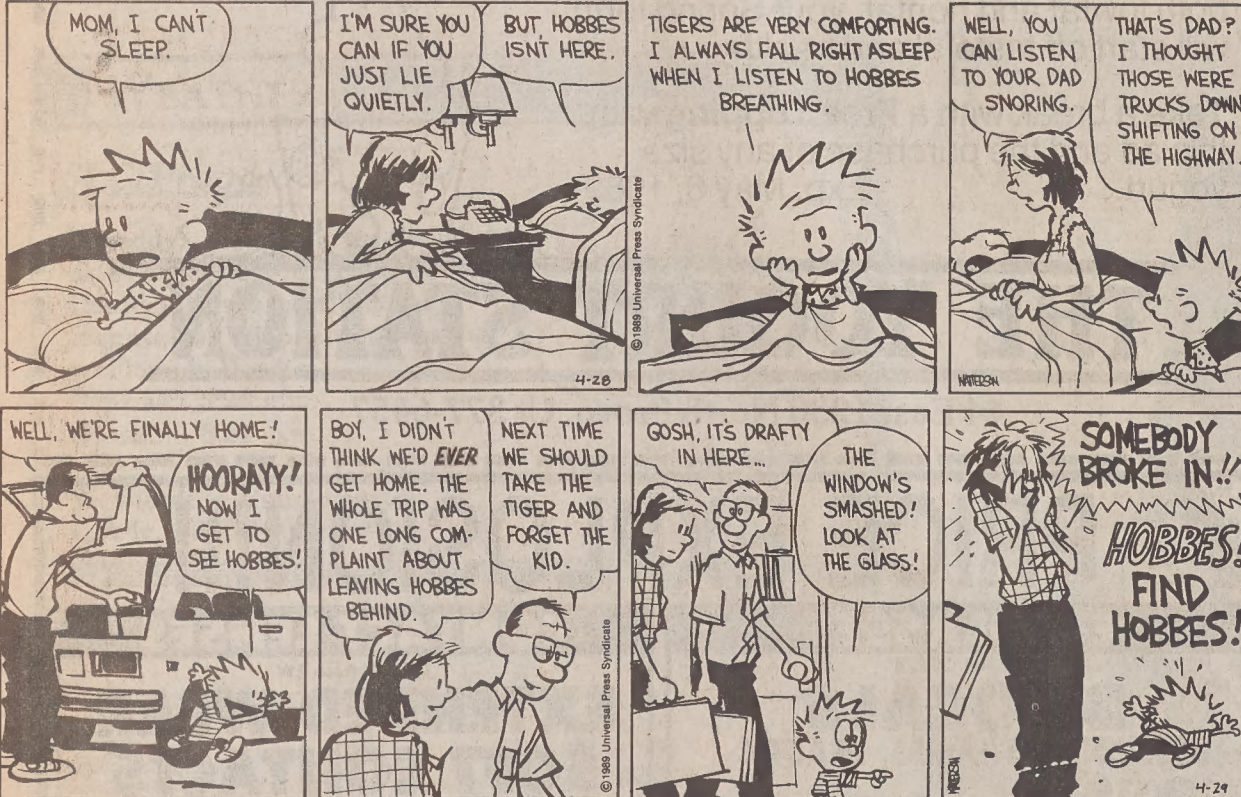
BRIDES do you want a wed gown that's beautiful, unique, affordable? WE HAVE IT, TEMPLE TOO! At Gowns By Pamela buy/rent. 224-4335. Avail in Orem, Salt Lake, Kaysville, & S. Cal.

WEDDING FLOWER PKG \$99.99 Creative Contact 440 N Univ 373-4029. I Do Cakes Too!

The Far Side by Gary Larson



Calvin and Hobbes by Bill Watterson



Bloom County by Berke Breathed



Spring into

SAVINGS

with Classifieds

378-2987

Professor studies Utah Valley air quality

Paper links air pollution and illness

BIRKEDAHL
for Reporter

BYU economics professor has
demonstrated a high correlation be-
tween air pollution and respiratory
illness in Utah Valley.

Arden Pope, associate professor of
natural resource and environ-
mental economics, pub-
lished a paper, "Respiratory
Disease Association
between Respiratory Health and dif-
ferent levels of PM10."
Community
Air Pollution
and a Steel
Mill, Utah
Valley," in
May's issue of
the American
Journal of
Public Health.

The Ameri-
can Journal of Public Health is the
publication of the 50,000
member American Public Health As-
sociation. The APHA, the world's
largest public health association, rep-
resents all disciplines and specialties
in public health.

The U.S. Environmental Protec-
tion Agency announced a change in
national ambient air quality stan-
dards in July of 1987. The EPA re-
duced the total suspended particu-
late standard with a PM10 standard,
a particulate standard that measures

particulates smaller than 10 microme-
ters.

Pope's study focused on the rela-
tionship between PM10 pollution lev-
els and hospital admissions for res-
piratory illness. Pope said, "This is
the first study to my knowledge that
has been published that used PM10 as
the indicator of particulate pollution."

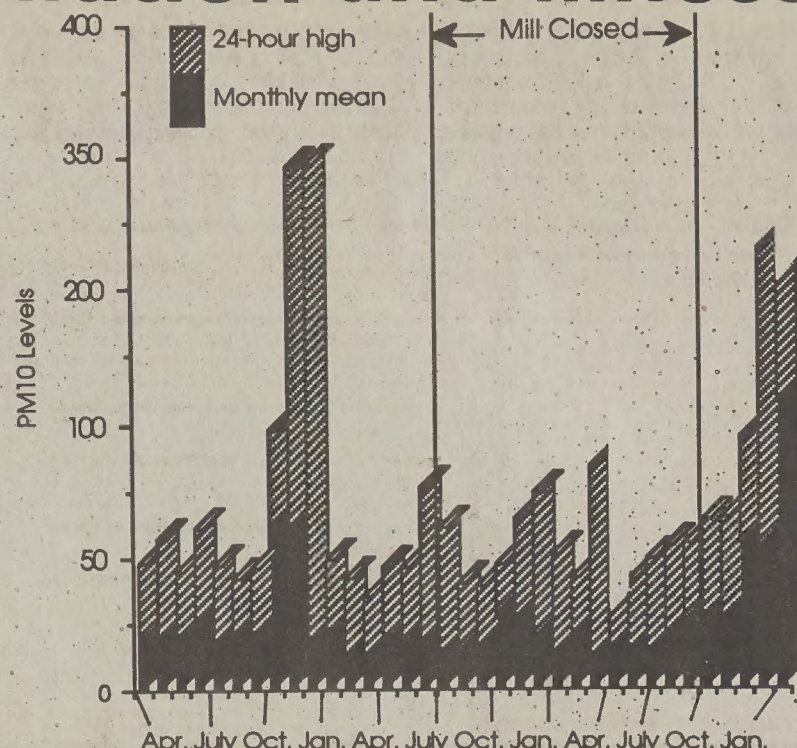
Pope said in the published article,
"Recent experiences in Utah County
have provided a unique opportunity
to investigate a possible association
between respiratory health and dif-
ferent levels of PM10."

"Utah Valley has had daily moni-
toring of PM10 since April 1985; it
has an extremely low percentage of smok-
ers; it has experienced a prolonged
shut down and then reopening of the
steel mill," said Pope.

Based on the Utah Air Emission
Inventory published by the Utah
State Department of Health, Pope
said Geneva Steel is the largest
source of PM10 pollution in Utah Val-
ley.

Data on hospital admissions for res-
piratory illness were available for the
study period, from April 1985 to
February 1988.

Pope found that children's admis-
sion to hospitals for respiratory ill-
nesses were two to three times higher
during winter months when the plant
was open compared to the winter the
plant was closed. Adults showed the
same general pattern although chil-
dren were affected more dramati-



Monthly Mean and 24-hour high PM 10 (fine particulate pollution) levels, Utah Valley, April 1985-January 1988. From AJPH May 1989.

cally. Pope said he looked for alter-
nate explanations. For example, if
there had been less air stagnation the
year the plant was closed, it may indi-
cate less of a correlation between
PM10 and respiratory illness. He
found the weather was no better the
year the plant was closed.

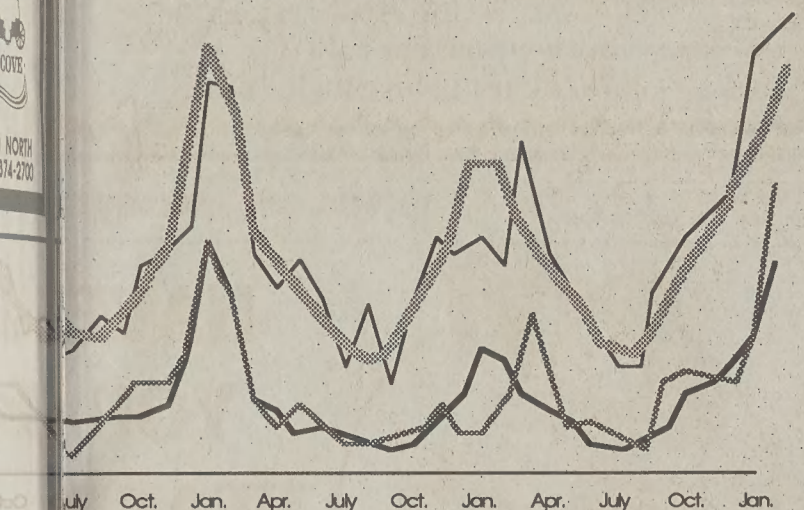
Pope looked at the the number of
hospital admissions for non-respira-
tory illnesses over the same period.
He found a general decline in the
number of admissions for non-respi-
ratory illness over the entire peri-
od.

Pope also compared admissions to
valley hospitals for respiratory illness
that were near to Geneva Steel and
far from it. He found the admissions
to hospitals far from Geneva did not
show a significant increase.

A statistics professor at BYU, John
S. Lawson, said you can't prove cause
and effect from observational data. A
cause and effect relationship between
PM10 pollution and respiratory ill-
ness could only be proven by having
control over the independent vari-
able, the PM10 pollution.

Pope agrees that it can't be proven
that high levels of PM10 pollution
were the cause of the seen increase in
hospitalization for respiratory illness.
His paper only documented the rela-
tionship.

The new EPA standard is violated



Actual and estimated hospital admissions, April 1985-January 1988, Utah Valley. From AJPH May 1989

SARABOND

Continued from page 1

additive into a construction
material when the specifications do
not call for it, because it would raise
the cost to the company."

According to the Wall Street Jour-
nal, masonry experts have said
that when steel is put into conven-
tional concrete it has a tendency to rust.
But rust forms a coating that
prevents further corrosion. When
Sarabond is mixed with cement how-
ever, it releases hydrochloric acid
which will eat away at the steel if it
is not in contact with it.

The article said Dow assigned one
chemist, Wayne Frenier, to
investigate the claims of corrosion as
early as 1972.

In November of that year Frenier
released a report that warned Dow
of the problem, saying it released "con-
siderable amounts of free chlorine"
and "it was causing the de-
terioration of the steel," said the arti-
cle.

McNeill, a spokeswoman in
Dow's public Relations office at Dow,
said the claims in the article, "It is
not true that Sarabond directly
causes the deterioration of metals.
The work it is used with. We
have five years researching the
problem, and, when used correctly
with the right amounts, there was
no evidence of Sarabond causing de-
terioration."

Only product can be put through

tests that will eventually show
faults," she said. "We (Dow Chemi-
cal) still believe that Sarabond was a
safe and viable product. We used it in
some of our own buildings as late as
1982."

Tolboe said Dow is currently in-
volved in "hundreds of millions of dol-
lars worth of lawsuits throughout the
country." He said that through asso-
ciates in the construction business in
various parts of the country, he has
learned of buildings and structures
that used Sarabond that are crum-
bling on their own and they are not in
experimental situations.

J. Roger Lochhead, a lawyer with
Dow, said the company sold the rights
to Sarabond to a franchise called Ma-
sonry Systems International in 1976.
He said that before that time, Dow
had sold Sarabond, but it was on a
"very limited basis."

The article does not agree. It says
"Sarabond has been used throughout
North America."

The article listed some of the build-
ings constructed with the use of
Sarabond: the Doylestown Hospital
in Doylestown, Pa.; the Eisenhower
Memorial Tunnel in the Continental
Divide; the Executive Tower Inn, a
hotel in Denver, Colo.; Dobie Resi-
dence Hall, a college dormitory in
Austin, Texas; a fire station in Fort
McMurray, Alberta; the Birmingham
Hilton Hotel in Alabama; a United
Auto Workers building in Detroit,

Mich.; a Montgomery Ward building
in Kansas City, Kan.; the Disabled
American Veterans building in Wash-
ington, D.C.; and the reconstructed
London Bridge at Lake Havasu, Ariz.

McNeill said the product was prob-
ably only used in a few hundred build-
ings. She said that out of all the struc-
tures built in the United States
during that time, those that actually
used Sarabond would probably only
add up to a small percentage.

According to the article, sarabond
was purchased by Masonry Systems
of Missouri in 1980 and by 1982 mar-
keting came to a halt. McNeill said
Dow has always been fair with their
customers.

"If someone has a problem with a
product they have purchased from us,
we try and work with them on finding
an agreeable solution to the prob-
lem," she said. "It is the same with
Sarabond. If it is determined that
Sarabond is responsible for the prob-
lems in a structure, we will work with
the owners in footing the bill for re-
pairs or whatever it takes to settle the
problem."

According to the article, footing the
bill and producing settlements is ex-
actly what Dow is doing. Dow has
"quietly settled dozens of lawsuits by
owners of buildings laced with the ad-
ditive." It said about 25 other law
suits are pending. Two suits that have
been settled in court cost Dow \$26
million and \$7 million, respectively.

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Park Plaza

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Vineyard elects first mayor and council

Utah's newest town includes Geneva steel plant

By LEEANN LAMBERT
Senior Reporter

Vineyard, the area west of Orem City, and Geneva steel plant, officially became incorporated into the town of Vineyard after filing final papers with the lieutenant governor's office Friday, said the new town's mayor.

"We had a community election for a mayor before we went to the public meeting where we discussed the final plans for incorporating into our own town," said Rulon Gammon, the mayor of Vineyard.

An election committee surveyed the residents of Vineyard to find possible candidates for the positions of mayor and of city council members, said Gammon.

"All the registered voters got to vote for whoever they wanted for mayor. They could write in any name they wanted, even their own. Everyone got a chance to participate and to have a voice," he said.

"Geneva Steel doesn't have any employees who are residents Vineyard and they do not have a right to vote in our elections," said Gammon. "Geneva is an industry operating within the boundaries of Vineyard ... and our relationship with them is a strictly business relationship."

"Geneva will pay a tax to the town of Vineyard just like any other business would located in any other town," Gammon said. The percentage of tax to be paid by Geneva to the town of Vineyard has not been decided yet, he said.

Geneva representative, Jack Bolow, said the steel company is happy with the incorporation of Vineyard, and they have been supportive of the incorporation ever since the residents first started petitioning to become their own town.

Orem City's city manager, Daryl Berlin, said Orem's City Council hasn't taken an official stand on the incorporation of the Vineyard area, but they are disappointed by the residents' decision. "Our biggest concern wasn't with the residents of Vineyard, but we were concerned about the reasons behind Geneva's support of the incorporation," said Berlin. "The Vineyard area has been planned into the development of Orem City for a long time ... in the long run, we don't feel it will be in the best interest of the residents to incorporate," he said.

Geneva officials told both Gammon and Berlin about a county ordinance requiring a business which is expanding or upgrading, and is located in unincorporated county areas, to become annexed into the closest neighboring city. Bolow said Monday, the incorporation of the Vineyard area and the Geneva steel plant would meet the requirements of the county ordinance. "The incorporation of

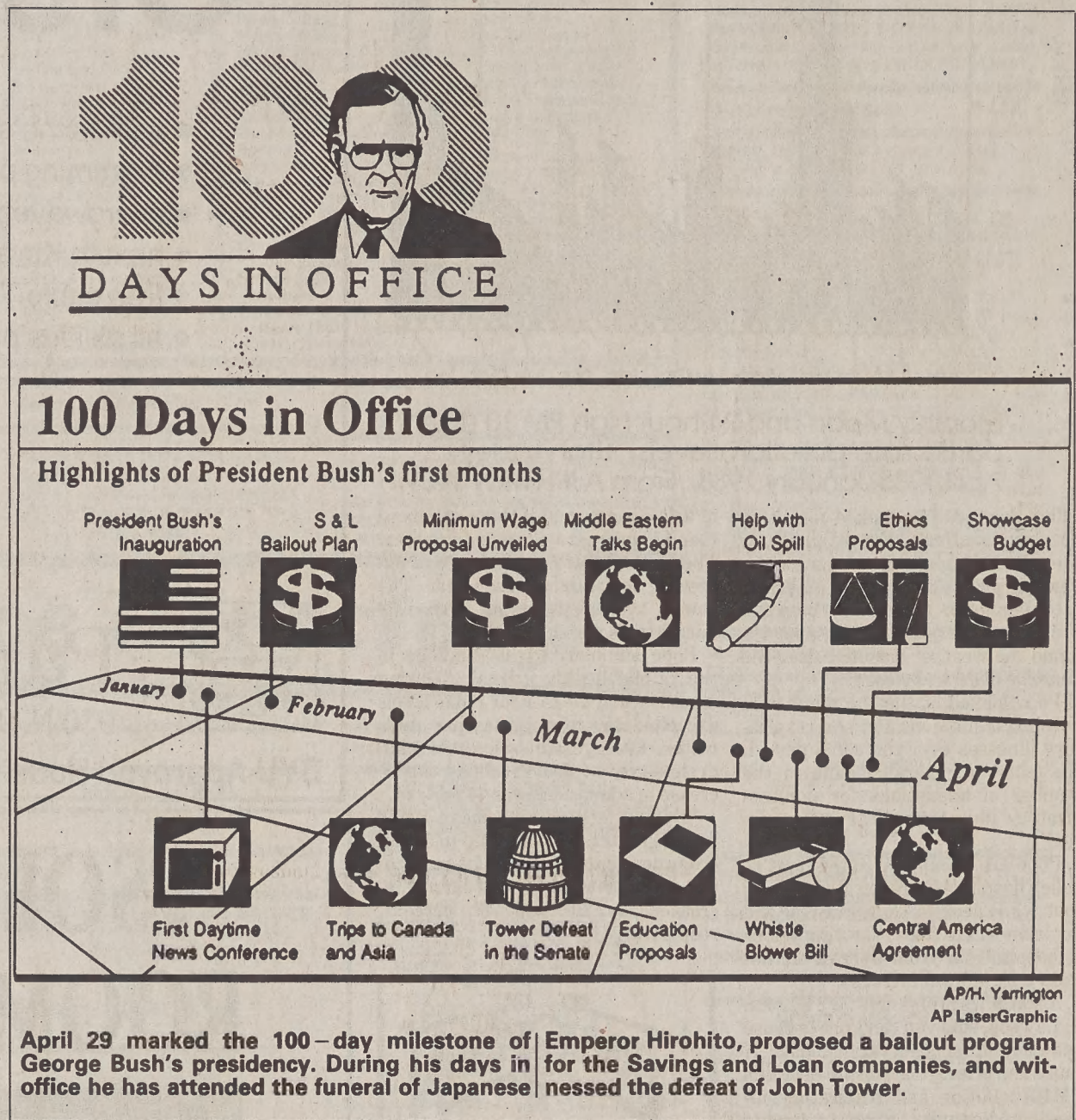
Vineyard would take care of meeting the conditions of the law," he said.

Berlin said he has asked Geneva to show him where in the county ordinance it is stated that a business which is upgrading its facilities must become part of a neighboring city. "We have never found it, and they have never shown us where it is."

Homer Chandler of Mountainlands did a feasibility study on the incorpo-

ration of Vineyard into its own town, said Berlin. "Chandler suggested in the report that it would be wise for the residents to wait and study more about the idea of incorporating, but they didn't do that," Berlin said.

The residents of Vineyard are negotiating with the county, Geneva and other sources for services like water, fire protection, police protection and sewage disposal, said Gammon.



White House considers raising gasoline tax

Associated Press

WASHINGTON — Despite President Bush's "read my lips" vow against new taxes, his administration is considering higher gasoline taxes for 1991 as part of a possible trade for concessions such as a lower capital gains tax, officials said Monday.

Administration sources said it is unlikely Bush can hold his no-new-

taxes stance for more than one year, given the difficulty of reaching budget-deficit targets by adjusting only the spending side of the ledger.

Bush on Monday showed no indication he was in the mood to trade right now, telling the annual meeting of the U.S. Chamber of Commerce, "I mean to live by what I've said: No new taxes."

However, the administration sources, who spoke on the condition of anonymity, said planning was under way for a possible fiscal 1991 budget pact with Congress that would indeed include new taxes. One item being considered, they said, is administration support for a higher gasoline tax in exchange for a lower capital gains tax, or for other concessions from Congress in the area of presidential spending authority.

Such a deal would not be part of the recently crafted agreement between the White House and congressional leaders for fiscal 1990, which begins next Oct. 1, the sources said. That pact calls for \$5.3 billion in new revenues, but doesn't specify new taxes, enabling Bush to say he is keeping his campaign vow for the time being.

Currently, the federal gasoline tax is 9.1 cents per gallon. The size of any increase that might be part of a deal with Congress remains up in the air, the administration sources said.

A possible trade was discussed late last month at a weekend meeting at the presidential retreat in Camp David, Md., between Bush and a group of economists.

Although Bush did not take a stand on the proposal at the time, such a trade was well received by even conservative supply-side economists at the meeting, who generally are the most vocal opponents of higher taxes, the sources said.

A trade between a capital gains tax cut and a gasoline tax increase for 1991 would only come into play if Bush's proposal for cutting the tax in fiscal 1990 is rejected by Congress.

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